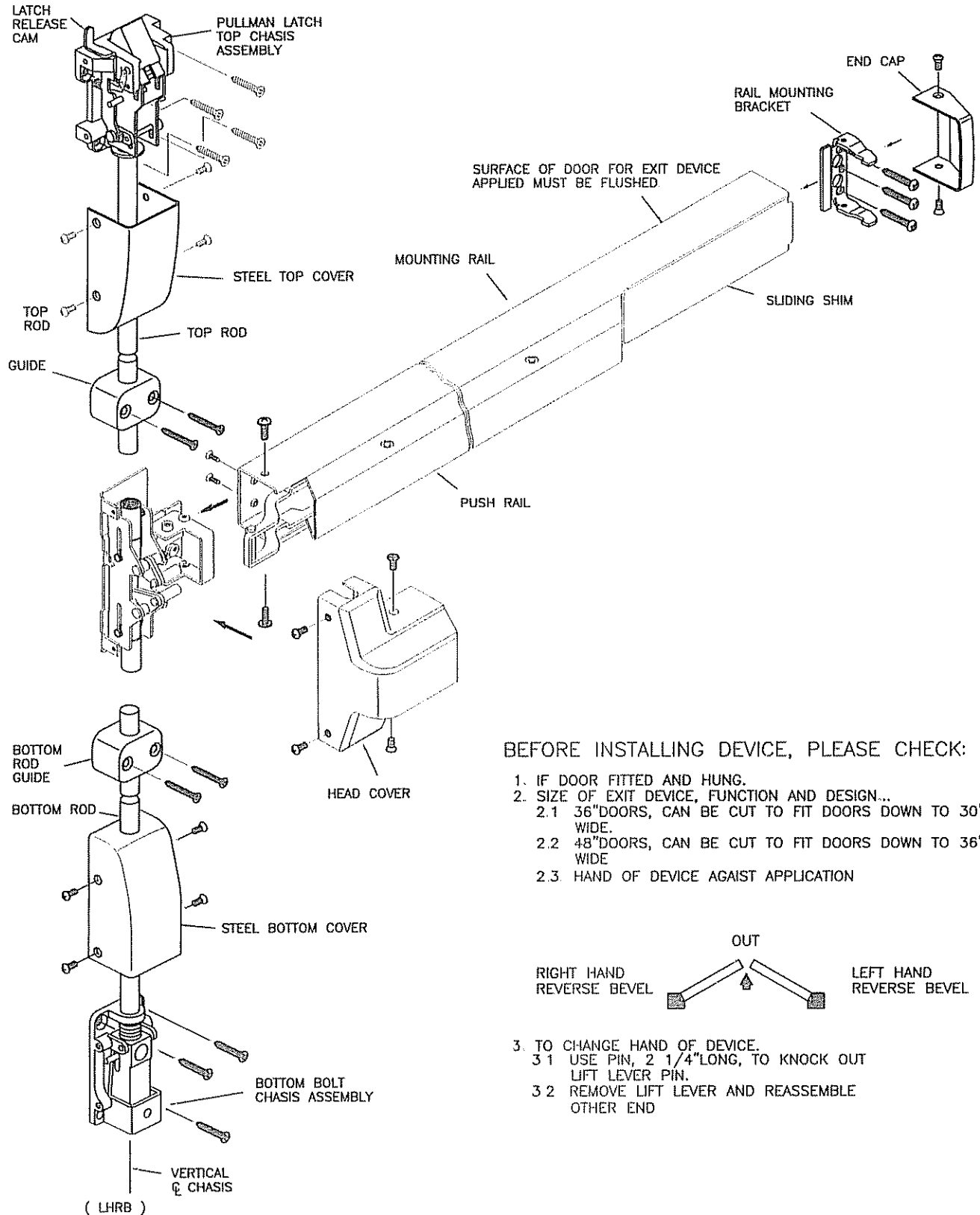


INSTALLATION INSTRUCTION FOR 3 HOURS FIRE RATING SF-SVRTBARF SERIES SURFACE VERTICAL ROD DEVICE.



BEFORE INSTALLING DEVICE, PLEASE CHECK:

1. IF DOOR FITTED AND HUNG.
2. SIZE OF EXIT DEVICE, FUNCTION AND DESIGN...
 - 2.1 36" DOORS, CAN BE CUT TO FIT DOORS DOWN TO 30" WIDE.
 - 2.2 48" DOORS, CAN BE CUT TO FIT DOORS DOWN TO 36" WIDE
 - 2.3 HAND OF DEVICE AGAINST APPLICATION

3. TO CHANGE HAND OF DEVICE.
 - 3.1 USE PIN, 2 1/4" LONG, TO KNOCK OUT LIFT LEVER PIN.
 - 3.2 REMOVE LIFT LEVER AND REASSEMBLE OTHER END

DETERMINE BACKSET TO LOCATE VERTICAL REFERENCE LINE

- 1 IF LOCK STILE IS 4 1/2" WIDE OR WIDER
BACKSET IS 2 3/4"
- 2 IF LOCK STILE IS LESS THAN 4 1/2" WIDE, BACKSET
IS HALF OF THE EXPOSED WIDTH OF LOCK STILE

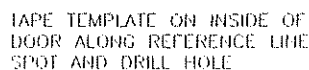


Diagram illustrating the assembly of the top and bottom chassis components.

Top Chassis Assembly:

- Full-size Latch
- Top Rod
- Top Cover
- Retraction

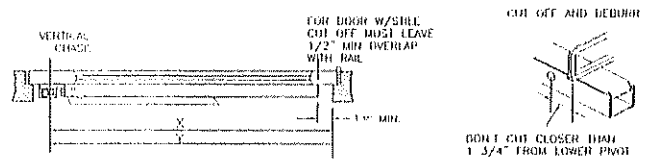
Bottom Chassis Assembly:

- Bottom Rod Guide
- Bottom Rod
- Steel Bottom Cover
- Bottom Rod Chassis Assembly
- Retraction

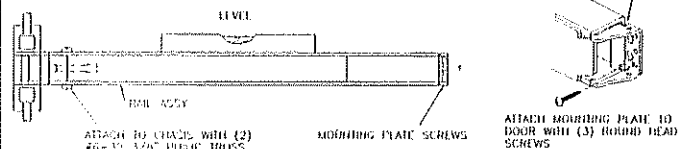
Assembly Steps:

1. MOUNT TOP STRIKE PER LOCATION AT 2ND STEP.
2. SCREW TOP ROD AND MAIN SLIDE. GLUE GUIDE AND COVER ON TO TOP ROD CHASSIS BY INSERTING AM PIN THRU RETRACTOR AND GUIDE HOLE IN ROD (SEE FIG. AT LEFT). ADJ TOP CHASSIS MOUNTING HOLES LINE UP WITH LOCATION MARKED IN 2ND STEP.
3. MOUNT BOTTOM CHASSIS SAME WAY AS TOP CHASSIS (SEE FIG. AT RIGHT).
4. AS TO BOTTOM STRIKE APPLICATION VARIATIONS PLEASE REFER FIG. BELOW FOR THE CORRECT DIMENSION.
5. FASTEN GUIDE. IF SHORTER ROD REQUIRED, CUT TO LENGTH AND DRILL 1/8" HOLE THRU.

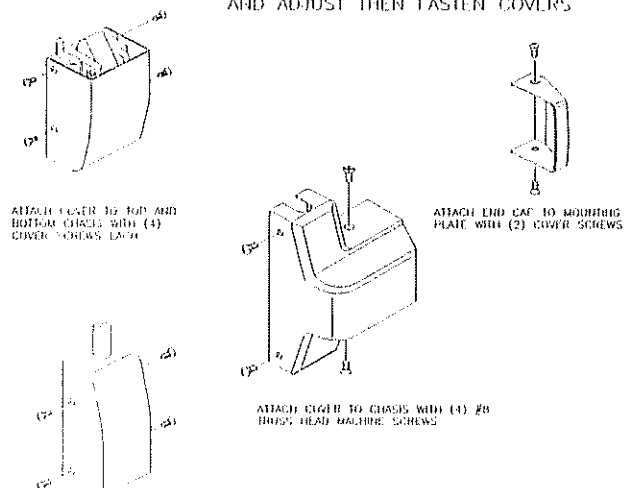
1. CHECK THE SIZE OF DEVICE. IF CUTTING TO LENGTH IS REQUIRED
2. DETERMINE CUT OFF LENGTH 'X' BY SUBTRACTING 1 3/4" FROM 'L' MARK CUT OFF POINT ON MOUNTING RAIL

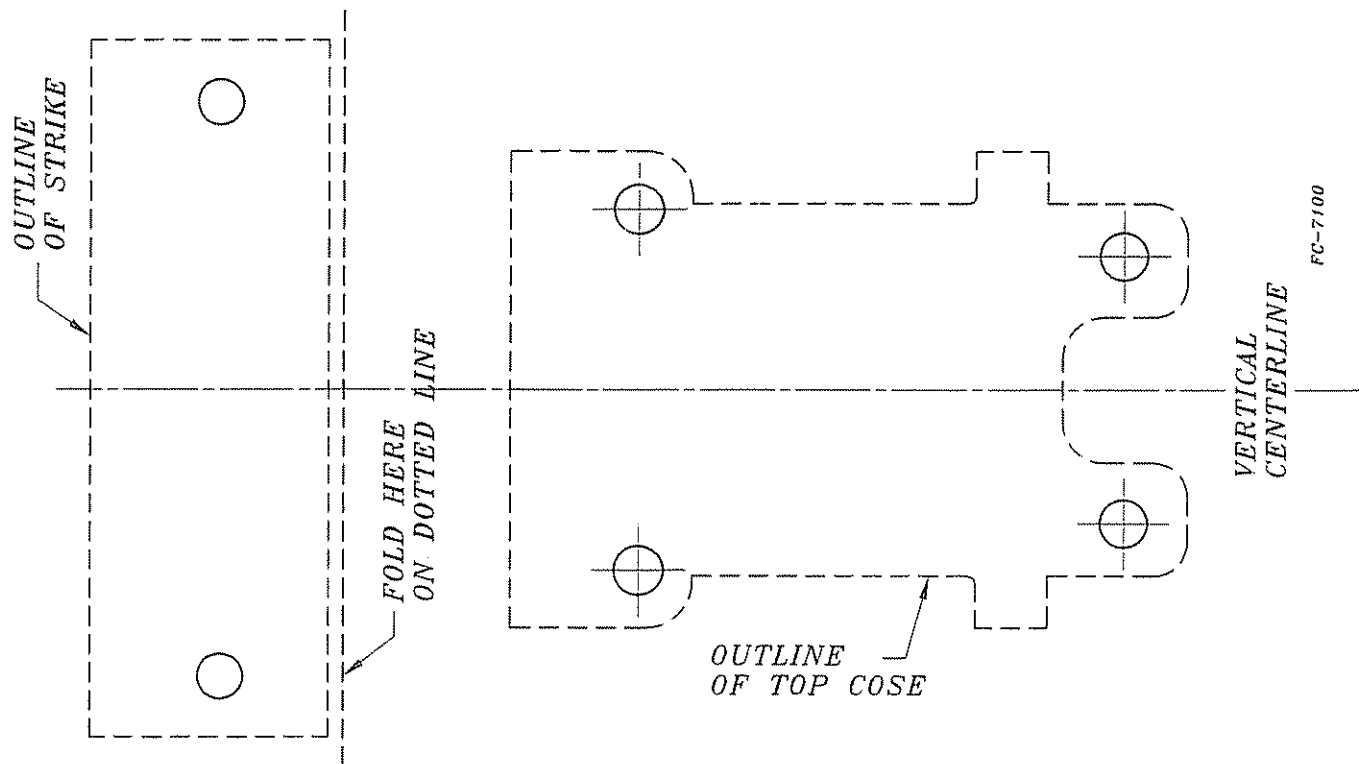
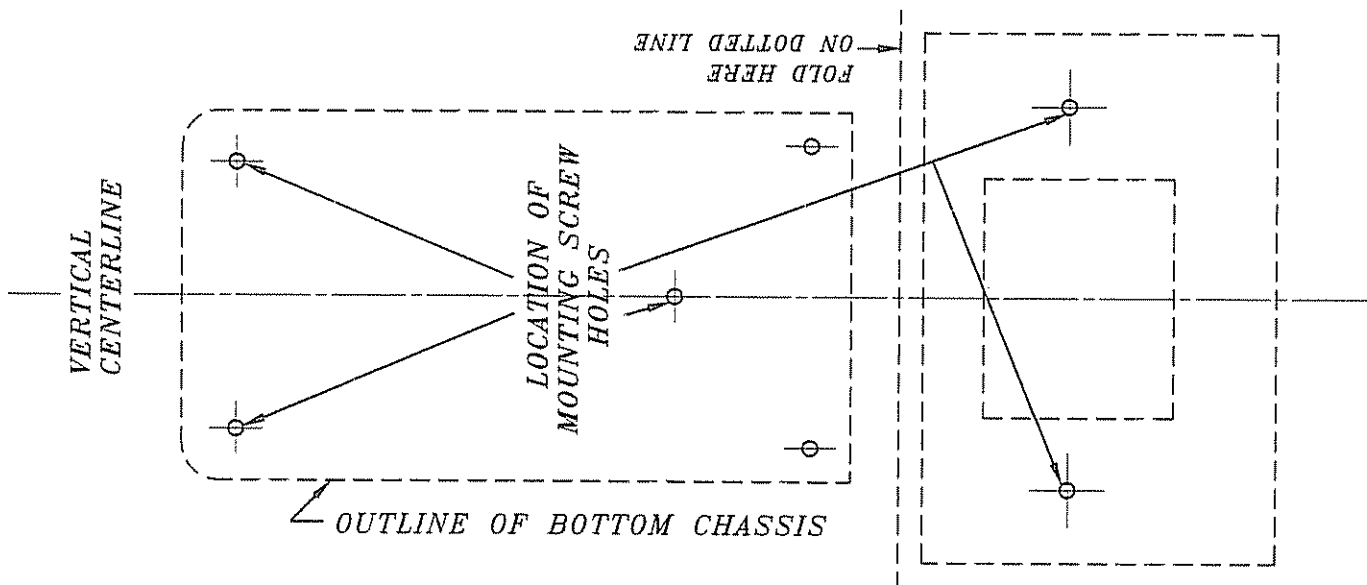


5. DEPRESS ARM INTO RAIL OPENING AND SLIDE RAIL ONTO CHASSIS LEVEL RAIL AND FASTEN CHASSIS AND MOUNTING PLATE



CHECK FINAL OPERATION OF DEVICE
AND ADJUST THEN FASTEN COVERS

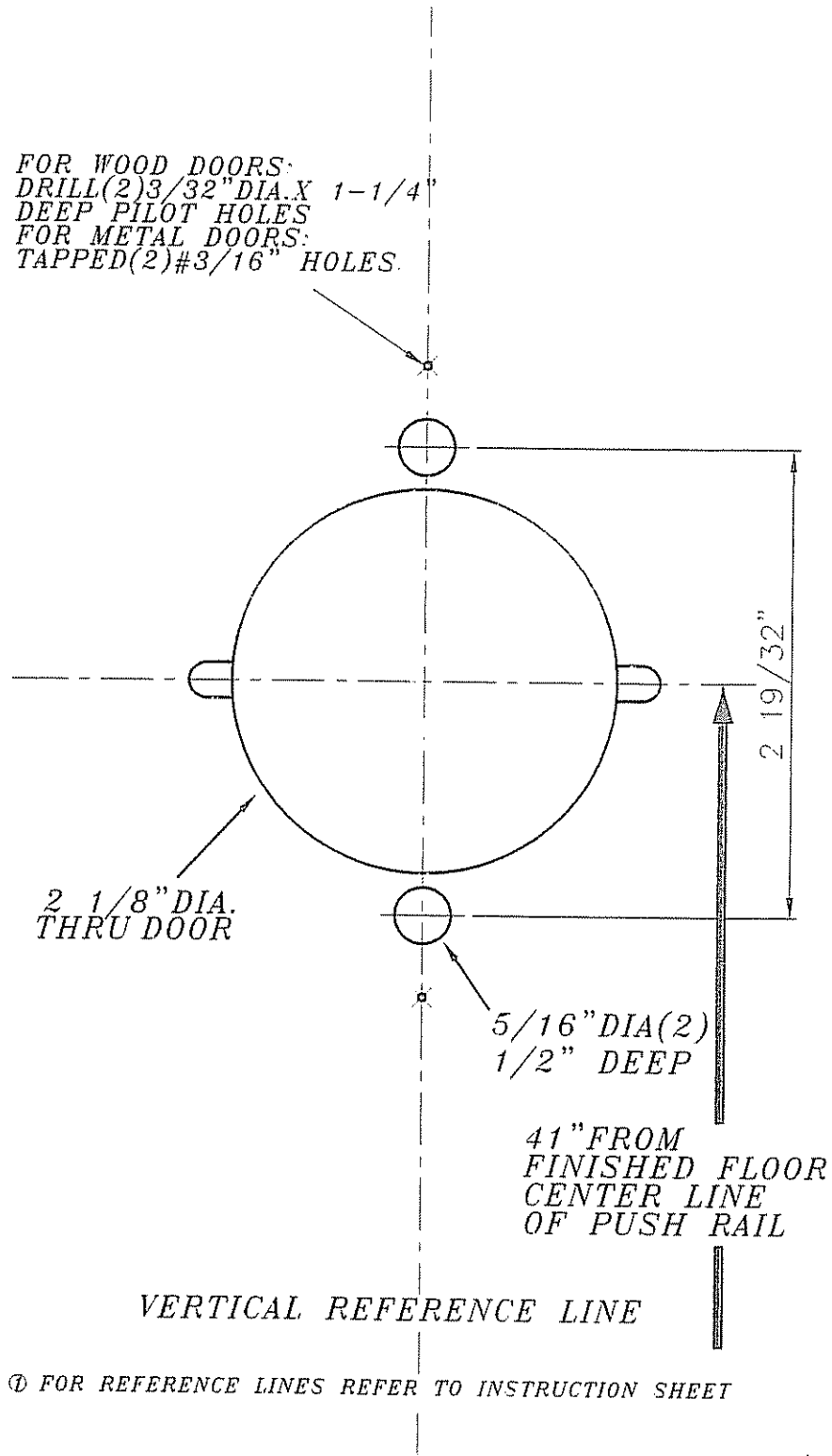




TEMPLATE

FOR SVRTBAR SERIES VERT ROD EXIT DEVICE
USING CYL TRIM AND PULL TRIM

FOR WOOD DOORS:
DRILL (2) $3/32$ " DIA. X $1-1/4$ "
DEEP PILOT HOLES
FOR METAL DOORS:
TAPPED (2) $\#3/16$ " HOLES.



TEMPLATE

FOR SVRTBAR SERIES VERT ROD EXIT DEVICE USING LEVER HANDLE TRIM

